

**REMARKS**

Claims 1 and 3-15 are pending in this application. By this Amendment, claim 1 is amended to incorporate the features of claim 2, claims 3, 4 and 6 are amended, claim 2 is canceled and new claim 15 is added.

Applicant appreciates the Office Action's indication that claims 9-12 contain patentable subject matter.

The Office Action objects to claims 13 and 14 as being of improper dependent form. This objection is respectfully traversed.

Applicant asserts that claims 13 and 14 further limit the subject matter of claim 1, by reciting an electro-optical device and electronic apparatus respectively. Withdrawal of this objection is respectfully requested.

The Office Action rejects claims 1, 2, 4-8, 13 and 14 under 35 U.S.C. §102(e) over U.S. Publication No. 2003/0025962 to Nishimura and claim 3 under 35 U.S.C. §103(a) over Nishimura and further in view of U.S. Publication No. 2003/0128907 to Kikuchi et al.

With respect to amended independent claim 1, Nishimura does not disclose a micro-tile shaped element disposed on a substrate, and an optic waveguide disposed on the substrate and optically connected to the micro-tile shaped element, as in amended independent claim 1. Instead, Nishimura discloses that the single mode fiber 609 is disposed over the substrate 602. The fiber fixing V-shaped groove 608 holds the single mode fiber 609. The fiber fixing V-shaped groove 608 is disposed on the substrate 602. See e.g., Fig. 7. The single mode fiber 609 is not disposed directly on the substrate 602.

Furthermore, the single mode fiber 609 must include a core corresponding to the optical waveguide and a clad. The core is not disposed directly on the fiber fixing V-shaped groove 608.

With respect to new dependent claim 15, neither Nishimura nor Kikuchi disclose an optical waveguide covering an electro-optical element. See e.g., Figs. 2 and 5.

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,



James A. Oliff  
Registration No. 27,075

Michael Britton  
Registration No. 47,260

JAO:MB/kzb

Date: June 30, 2005

**OLIFF & BERRIDGE, PLC**  
**P.O. Box 19928**  
**Alexandria, Virginia 22320**  
**Telephone: (703) 836-6400**

DEPOSIT ACCOUNT USE  
AUTHORIZATION  
Please grant any extension  
necessary for entry;  
Charge any fee due to our  
Deposit Account No. 15-0461